



Attorney's Docket No.: 00786-608US1 / MGH 2476

IFW

113277 U.S. PTO  
10/581417



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ralph Weissleder et al. Art Unit : Unknown  
Serial No. : 10/581,417 Examiner : Unknown  
Filed : June 2, 2006 Conf. No. : 3726  
Title : SELF-ASSEMBLING NANOPARTICLE CONJUGATES

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicants request consideration of the references listed on the attached PTO-1449 form.

Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request. Copies of communications issued in connection with a counterpart international application are also enclosed.

Applicants wish to bring to the Examiner's attention the following, copending and commonly owned U.S. applications:

Josephson et. al., USSN 10/165,258, filed on June 6, 2002; and

Josephson et. al., USSN 11/431,247, filed on May 9, 2006.

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 10, 2006

Date of Deposit

Signature

Jonathan N. Leach

Typed or Printed Name of Person Signing Certificate

Applicant : Ralph Weissleder et al.  
Serial No. : 10/581,417  
Filed : June 2, 2006  
Page : 2 of 2

Attorney's Docket No.: 00786-608US1 / MGH 2476

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No.: 00786-608US1.

Respectfully submitted,

Date: August 10, 2006

John T. Kendall  
John T. Kendall, Ph.D.  
Reg. No. 50,680

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

21393451.doc

Substitute Form PTO-1449 Modified 14 AUG 2006 Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.98(b))		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 00786-608US1	Application No. 10/581,417
		Applicant Ralph Weissleder et al.		
		Filing Date June 2, 2006	Group Art Unit	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,007,845	12/28/99	Domb et al.			
	AB	5,973,138	10/26/99	Collis			
	AC	5,898,071	04/27/99	Hawkins			
	AD	5,705,628	01/06/98	Hawkins			
	AE	5,679,323	10/21/97	Menz et al.			
	AF	5,578,325	11/26/96	Domb et al.			
	AG	5,512,439	04/30/96	Hornes et al.			
	AH	5,508,164	04/16/96	Kausch et al.			
	AI	5,254,460	10/19/93	Josephson et al.			
	AJ	5,164,297	11/17/92	Josephson et al.			
	AK	5,136,095	08/04/92	Tarnowski et al.			
	AL	5,076,950	12/31/91	Ullman et al.			
	AM	4,672,040	06/09/87	Josephson			

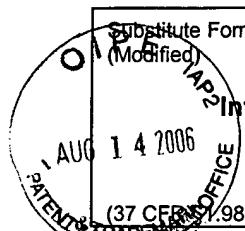
**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AN	WO 02/098364	12/12/02	WIPO			
	AO	WO 01/19405	03/22/01	WIPO			
	AP	WO 01/00876	01/04/01	WIPO			
	AQ	WO 98/21587	05/22/98	WIPO			
	AR	WO 98/04740	02/05/98	WIPO			
	AS	WO 97/40181	10/30/97	WIPO			
	AT	WO 96/09313	03/28/96	WIPO			
	AU	WO 95/22963	08/31/95	WIPO			
	AV	WO 90/06045	06/14/90	WIPO			

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

 Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 00786-608US1	Application No. 10/581,417
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Ralph Weissleder et al.	
			Filing Date June 2, 2006	Group Art Unit

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AW	Fry, G. et al., "A new Approach to Template Purification for Sequencing Applications Using Paramagnetic Particles", <i>Research Report</i> , Vol. 13, No. 1, (1992).
	AX	Högemann, D. et al., "Improvement of MRI Probes to Allow Efficient Detection of Gene Expression", <i>Bioconjugate Chem.</i> , Vol. 11, No. 6, pp. 941-946, (2000).
	AY	Josephson, L. et al., "High-Efficiency Intracellular Magnetic Labeling with Novel Superparamagnetic-Tat Peptide Conjugates", <i>Bioconjugate Chem.</i> , Vol. 10, No. 2, pp. 186-191, (1999).
	AZ	Josephson, L. et al., "Magnetic Nanosensors for the Detection of Oligonucleotide Sequences", <i>Angew. Chem. Int. Ed.</i> , Vol. 40, No. 17, pp. 3204-3206, (2001).
	AAA	Josephson, L. et al., "Near-Infrared Fluorescent Nanoparticles as Combined MR/Optical Imaging Probes", <i>Bioconjugate Chem.</i> , Vol. 13, pp. 554-560, (2002).
	ABB	Kötitz, R. et al., "Determination of the Binding Reaction Between Avidin and Biotin by Relaxation Measurements of Magnetic Nanoparticles", <i>Journal of Magnetism and Magnetic Materials</i> , Vol. 194, pp. 62-68, (1999).
	ACC	Lewin, M. et al., "Tat peptide-derivatized magnetic nanoparticles allow in vivo tracking and recovery of progenitor cells", <i>Nature Biotechnology</i> , Vol. 18, No. 4, pp. 410-414, (2000).
	ADD	Niemeyer, C. et al., "Self-assembly of DNA-Streptavidin Nanostructures and Their Use as Reagents in Immuno-PCR", <i>Nucleic Acid Research</i> , Vol. 27, No. 23, pp. 4553-4561, (1999).
	AEE	Perez, J. et al., "DNA-Based Magnetic Nanoparticle Assembly Acts as a Magnetic Relaxation Nanoswitch Allowing Screening of DNA-Cleaving Agents", <i>J. Am. Chem. Soc.</i> , Vol. 124, No. 12, pp. 2856-2857, (2002).
	AFF	Perez, J. et al., "Magnetic Relaxation Switches Capable of Sensing Molecular Interactions", <i>Nature Biotechnology</i> , Vol. 20, pp. 816-820, (2002).
	AGG	Perez, J. et al., "Peroxidase Substrate Nanosensors for MR Imaging", <i>Nano Lett.</i> (Available online 12/18/2003) Vol. 4, No. 1, pp. 119-122 (2004).
	AHH	Tsourkas, A. et al., "Magnetic Relaxation Switch Immunosensors Detect Enantiomeric Impurities", <i>Angew. Chem. Int. Ed.</i> , Vol. 43, pp. 2395-2399, (2004).
	AII	Zhao, M. et al., "Magnetic Sensors for Protease Assays", <i>Angew. Chem. Int. Ed.</i> , Vol. 42, No. 12, pp. 1375-1378, (2003).

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	